

Chapter 3 Administrator Functions

This section describes the functions that enable the administrator to configure the MX⁴ system so the user can access the computers connected to the MX⁴. The functions are performed from a set of administration menus.

Administration Menu

The Administration Menu is used for setting security classes, maintaining user names and privileges, and managing the system configuration. These tools enable the administrator to control access to the MX⁴ and to all connected computer resources.

1. Log in to the system as *admin* or your user name, if you have administrator privileges. The Selection Menu will be displayed.
 - ☞ The default password for the login *admin* is “raritan” and is case sensitive. Press **<F5>** to access the Administration Menu. The Administration Menu displays user port connections (Figure 10).
 - **User Port Connections:** User names of the users logged in to each user port.
2. Use the **<↑>** and **<↓>** keys to select the desired submenu, and press **<Enter>**.

```
Administration Menu
User Port Connections
1: Susan           2: Jayson
3: None           4: None

Choose Admin Function
- - - - -
1 System Configuration
2 User Configuration
3 Channel Configuration
4 Set 2nd Tier Names
- - - - -

Help Messages
Status Line
```

Figure 10 Administration Menu

System Configuration

The System Configuration menu is used for setting the global parameters that control operation of the system for all users (Figure 11).

1. The System Configuration screen displays the current settings of the parameters.
2. To select the field you want to edit, press the **<Tab>** (forward) and **<Shift-Tab>** (backward) keys to move to a desired field. Press **<Enter>** to edit the field. The highlighted area will turn green. When the editing is completed, either press **<Enter>** to retain the changes or press **<Esc>** to cancel them.

```

System Configuration
Device ID: Base MX48
Security
  Timeout: On Logout 15 Min
  Access Mode: Free Access
  P-View Mode: User Permit
  Admin Silent P-View: Yes
  Allow Blank Password: No

KB Language Type: English
Login Blank: Off 05 Minutes
Login Help Mode: Multi-Line
Auto Sync Detection

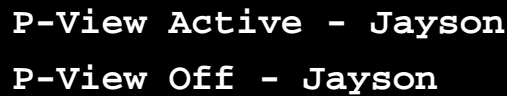
Help Messages
Status Line

```

Figure 11 System Configuration Menu

- **Device ID:** This is the name of the MX⁴. Type in the desired name of the device. This gives the device a unique and meaningful name, which is important if you have multiple MasterConsole units. The default names are Base MX416 and Base MX48.
- **Time Out:** This is the amount of time—in minutes—before a user is logged out of the MX⁴ system or disconnected from a computer, if the user console is idle for that amount of time.
 - **On/Off:** Use the **<↑>** and **<↓>** keys to toggle On/Off.
 - **Logout/Disc.:** Use the **<↑>** and **<↓>** keys to toggle Logout/Disc.
 - **Time:** Type a number from 01 to 99, or use the **<↑>** and **<↓>** keys to increment or decrement the Time Out time in minutes. The default setting is On/5.
- **Access Mode:** Use the **<↑>** and **<↓>** keys to select one of the four Access Modes: Free Access, Exact Match, 2 Digit Level, and Level/Group. The default is Free Access. (See Appendix A: Security Access and PublicView on page 26 for detailed explanations of security modes.)
- ☞ The security classes for individual users and channels must be set in the User Configuration Menu and the Channel Configuration Menu of the administration menus.

- **P-View (PublicView) Mode:** Use the <↑> and <↓> keys to select “No V-share”, “Always On”, “Admin Only”, “User Permit”, “Admin or UP”. The default is “No V-share”. (See Appendix A: Security Access and PublicView on page 26 for detailed explanations of video sharing modes.)
- **Admin Silent P-View:** When video sharing is permitted, the user is notified if other user is sharing the video (Figure 12). If you have administrator privileges, this option allows you to turn off the message. Use the <↑> and <↓> keys to toggle Yes or No.



P-View Active - Jayson
P-View Off - Jayson

Figure 12 PublicView Messages

- **Allow Blank Password:** Use the <↑> and <↓> keys to toggle Yes or No. This field controls whether a user may specify a blank password. The default setting is No.
- ☞ If this field is set to No, a user may not set a blank password. A newly created user has by default no password unless the user or the administrator sets one.
- **KB Language Type:** The OSUI supports English, French, or German keyboard mapping. Use the <↑> and <↓> keys to select your keyboard type.
- **Login Blank:** The Login Blank feature blanks the Login screen after the user console is idle for the specified amount of time in minutes. This acts as a screen saver to protect the monitor. When this screen is blanked, press any key to bring back the Login screen. The fields are edited the same way as Security Time Out. The default setting is On/5 minutes.
- **Login Help Mode:** Use the <↑> and <↓> keys to select the desired help mode. This controls how the help and welcome messages are presented on the Login screen. The default setting is Multi-Line.



CT Sync: 1:Y 2:N 3:Y 4:Y

Figure 13 Continuous Sync Configuration

- **Ct Sync (continuous sync):** On certain MX⁴ units that do not have the automatic sync detection feature built-in, the System Configuration menu will have a option to allow you to manually set the sync type to accommodate certain types of monitors. See Figure 13. If you experience abnormality in the On-Screen Display, set the appropriate (or all) user port(s) to Y. The default is N. (See also Front Panel Function Select Sync Type on page 32.)

User Configuration

The **User Configuration** Menu enables the administrator to add, delete, and edit user names and security rights (Figure 14). It also displays current connection status for each user.

User Configuration			
User: John		Page	1 / 1
Name	SC	Adm	Connection
Admin	A0	Yes	None
Jayson	A0	No	None
Usera	A0	No	None
Userb	A0	No	None
Userc	A0	No	None
Userd	A0	No	None
John	A0	Yes	Wins95.Bob

Help Messages

Status Line

Figure 14 User Configuration Menu

- Use the <↑>, <↓>, <←>, <→>, <Tab>, <Shift-Tab>, <Page up>, <Page down>, <Home>, and <End> keys to move within the menu. Press <Enter> to edit the field. The highlighted area will turn green. When the editing is completed, either press <Enter> to retain the changes or press <Esc> to cancel them.
- This menu displays user information—one user per line.
 - User:** This field displays your login user name.
 - Name:** The Name column displays and allows editing of system user names. The user names are not case sensitive. Type up to 8 characters to change a name.
 - ☞ The special user name **Admin** cannot be changed.
 - SC:** The SC column displays the security class of the user. Typing A-P changes the user's security level; typing 0-9 changes the user's security group. The default value of a newly created user is **A0**. (See Appendix A: Security Access and PublicView for details about security classes.)
 - Adm:** The Adm column indicates whether the user has administrator privileges. Use the <↑> and <↓> keys to toggle Yes or No. The default setting is No.
 - Connection:** The Connection column shows the status of each user and displays the channel to which any active user is currently connected.

3. **Adding a new user:** To add a new user, press **<C>**. A new default user name will be added. Proceed to edit the default name to the user name desired.
4. **Deleting a user:** Move the highlight bar to a user line, and press **<D>**. The highlighted user will be removed from the system.
5. **Logging out a user:** Move the highlight bar to a user line, and press **<L>**. The highlighted user will be logged out from the system.

Channel Configuration

The **Channel Configuration Menu** enables the administrator to edit the computer names, security classes, and individual scan rates associated with each channel (Figure 15). Any device—such as a computer or any MasterConsole unit—can be connected to MX⁴ channels. To create a two-tier installation, MasterConsole units are cascaded from one or more of the MX⁴ channels. (See Two-Tier Installation on page 19.) This section describes the channel configuration for a stand-alone MX⁴.

Channel Configuration Menu			
MC: Base	MX4	Page	1 / 1
Ch. ID	Name	Sec	Scn
01	Untitled-001	A0	03
02	NT4.0-Mail	A0	03
03	Wins95.Bob	B0	03
04	Wins98.Jack	A0	03
05	Untitled-005	A0	03
06	NT4.0-Yee	A0	03
07	Untitled-007	A0	03
08	Untitled-008	A0	03

Help Messages

Status Line

Figure 15 Channel Configuration Menu

1. Use the **<↑>**, **<↓>**, **<←>**, **<→>**, **<Tab>**, **<Shift-Tab>**, **<Page up>**, **<Page down>**, **<Home>**, and **<End>** keys to move within the menu. Press **<Enter>** to edit the field. The highlighted area will turn green. When the editing is completed, either press **<Enter>** to retain the changes or press **<Esc>** to cancel them.
2. This menu displays channel information—one computer per line.
 - **MC:** This is the name of this MX⁴—same as MX⁴ ID.
 - **Ch. ID:** This column displays the physical Channel ID number to which the device connects to MX⁴.
 - **Name:** This column displays and allows editing of the computer name. Computer names are case sensitive and may be up to 12 characters.

- **Sec:** This column displays the security class of the computer. Typing A-P changes the computer's security level; typing 0-9 changes the computer's security group. The default value of a computer is A0. (See Appendix A: Security Access and PublicView for detailed explanations of security modes.)
- **Scn:** This column displays the computer's individual scan rate. Type a number from 01 to 24, or use the <↑> and <↓> keys to increment or decrement the scan rate. The default setting is 3 seconds.

Set Second-Tier Names

This selection enables you to change the name displayed on the LCD of the second-tier MX⁴ units. When this option is selected, the base MX⁴ will communicate with all second-tier MX⁴ units and update their names. A confirmation message—Names set on tiered units—will appear. (To set second tier names see Channel Configuration for Two-Tier Installation page 23.)

If no tier names have been entered, all tiered units LCD's will continue to display the MX⁴ default tier name.